Equality of 5 step colour series by two definitions (Yes/No decision)
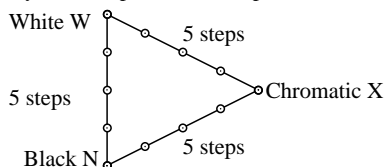
Layout example: three 5 step colour series

White W

5 steps

Chromatic X

5 steps

Black N

5 steps

There are three basic colours on each page:
Black N, White W and Chromatic X

Ten pages include 10 hue planes
X = OYLCVM and RJGB

Any colour is defined by two different
PS-operators in center and surround field

All colours of the three series N−W, W−X and X−N should equal on **all** pages

Are the center and surround field colours equal on all pages?   **underline: Yes/No**

only if No:

How many of the 3x4=12 steps are equal?

Page 1: equal are out of 12 steps: .... steps of O = Orange Red
Page 2: equal are out of 12 steps: .... steps of Y = Yellow
Page 3: equal are out of 12 steps: .... steps of L = Leaf Green
Page 4: equal are out of 12 steps: .... steps of C = Cyan Blue
Page 5: equal are out of 12 steps: .... steps of V = Violet Blue
Page 6: equal are out of 12 steps: .... steps of M = Magenta Red
Page 7: equal are out of 12 steps: .... steps of R = Elementary Red
Page 8: equal are out of 12 steps: .... steps of J = Elementary Yellow
Page 9: equal are out of 12 steps: .... steps of G = Elementary Green
Page 10: equal are out of 12 steps: .... steps of B = Elementary Blue
_____
Sum: Of the given 3x4x10=120 steps .... steps are equal

Part 1   De140−3

Equality of 16 step colour series by two definitions (Yes/No decision)

Layout example: three 16 step colour series

White W

16 steps

Chromatic X

16 steps

Black N

16 steps

There are three basic colours on each page:
Black N, White W and Chromatic X

Ten pages include 10 hue planes
X = OYLCVM and RJGB

Any colour is defined by two different
PS-operators in center and surround field

All colours of the three series N−W, W−X and X−N should equal on **all** pages

Are the center and surround field colours equal on all pages?   **underline: Yes/No**

only if No:

How many of the 3x15=45 steps are equal?

Page 1: equal are out of 45 steps: .... steps of O = Orange Red
Page 2: equal are out of 45 steps: .... steps of Y = Yellow
Page 3: equal are out of 45 steps: .... steps of L = Leaf Green
Page 4: equal are out of 45 steps: .... steps of C = Cyan Blue
Page 5: equal are out of 45 steps: .... steps of V = Violet Blue
Page 6: equal are out of 45 steps: .... steps of M = Magenta Red
Page 7: equal are out of 45 steps: .... steps of R = Elementary Red
Page 8: equal are out of 45 steps: .... steps of J = Elementary Yellow
Page 9: equal are out of 45 steps: .... steps of G = Elementary Green
Page 10: equal are out of 45 steps: .... steps of B = Elementary Blue
_____
Sum: Of the given 3x15x10=450 steps .... steps are equal

Part 2   De141−3

Documentation of file format, hardware and software for this test:

PDF-File: either www.ps.bam.de/De14/10L/L14e00NP.PDF   **underline Yes/No**
              or www.ps.bam.de/De14/10P/P14e00NP.PDF   **or underline Yes/No**
PS-File: either www.ps.bam.de/De14/10L/L14e00NA.PS   **or underline Yes/No**
              or www.ps.bam.de/De14/10P/P14e00NA.PS   **or underline Yes/No**

Used computer operating system:
either one of Windows/Mac/Unix/other and version:................................

This evaluation is for the device output: underline monitor/data projector/printer
Device model, driver and version:......................

Device output with PDF/PS-file: underline   PDF/PS-file
For device output with PDF-file (L/P)14e00NP.PDF:
either PDF-file transfer "download, copy" to PDF device................................
or with computer system interpretation by "Display-PDF":................................
or with software. e. g. Adobe-Reader/-Acrobat and version:................................
or with software e. g. Ghostscript and version:................................
For device output with PS-file (L/P)14e00NA.PS:
either PS-file transfer "download, copy" to PS device................................
or with computer system interpretation by "Display-PS":................................
or with software e. g. Ghostscript and version:................................
or with software e. g. Mac-Yap and version:................................
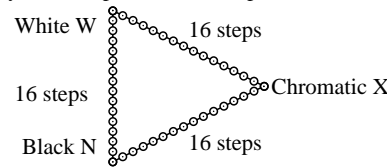
Special remarks, e. g. output of Landscape (L) file L14e00NA.PS was cutted,
Portrait (P) file P14e00NA.PS was used:................................
....
....

Part 3   De140−5

Documentation of assessor colour vision properties for visual assessment
The assessor has **normal** colour vision according to one test: **underline Yes/No**
either according to DIN 6160:1996 with Anomaloskop of *Nagel*   underline Yes/unknown
or with test charts using colour points according to *Ishihara*   underline Yes/unknown
or tested with, please specify: ....   underline Yes/unknown

Only for display (monitor, data projector) output:
Office workplace illumination is daylight (clouded/north sky)   underline Yes/No
PDF-file output with www.ps.bam.de/De13/10L/L13e00NP.PDF   underline Yes/No
Comparison of contrast range of 16 steps F to 0 with test chart no. 3 of DIN 33866-1:2000
give contrast range: (>F:0) (F:0) (E:0) (D:0) (C:0) (A:0) (9:0) (7:0) (5:0) (3:0) (<3:0)
Remark: In daylighted offices the contrast range is in many cases:
on paper between: >F:0 (highly glossy), F:0 (silk glossy) and E:0 (matte)
on display between: >F:0 and E:0 (monitor), D:0 and 3:0 (data projector)

Only for optional colorimetric specification with PDF/PS file output
PDF-File: either www.ps.bam.de/De11/10L/L11e00NP.PDF   underline Yes/No
              or www.ps.bam.de/De11/10P/P11e00NP.PDF   or underline Yes/No
PS-File: either www.ps.bam.de/De11/10L/L11e00NA.PS   or underline Yes/No
              or www.ps.bam.de/De11/10P/P11e00NA.PS   or underline Yes/No
colour measurement and specification for:
CIE standard illuminant D65, 2 degree observer, CIE 45/0 geometry: underline Yes/No
If No, please give other parameters: ....
Colorimetric specification with PS file for colours in the columns A to T
Exchange of CIELAB data in file www.ps.bam.de/De17/10L/L17e00NP.PS and transfer
of the PS-file L17e00NP.PS in PDF-file L17e00NP.PDF   underline Yes/No
If No, please describe other method: ....

Part 4   De141−5

BAM registration: 20080301-De14/10L/L14e11NP.PS /.PDF

BAM material: code=rha4ta

application for output of monitor, data projector, or printer systems